BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Construction of Drain, Culvert and Cement Concrete Road at Dasarahalli Karagadamma Temple, Opposite Road in Ward No:06 (Thanisandra)

Modified Estimate

Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Rate in	Amount in
From	To				(m)	B1	B2	Avg B	(m)		RS.	RS.
Item no.01		Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22)										
		For Drains										
		Karagadamma Temple opp Road										
		West to East										
		LHS										
0.00	13.10		Cum	1	13.10	0.95	0.95	0.95	0.90	11.20		
13.10	29.00	No Work	Cum	1	0.00	0.95	0.95	0.95	0.90	0.00		
29.00	44.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
44.00	51.60		Cum	1	7.60	0.95	0.95	0.95	0.90	6.50		
51.60	66.60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
66.60	81.60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
81.60	96.60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
96.60	111.60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
111.60	126.60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
126.60	137.80		Cum	1	11.20	0.95	0.95	0.95	0.90	9.58		
		Government School Opp Road										
		South to north										
		RHS										
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
15.00	25.20		Cum	1	10.20	0.95	0.95	0.95	0.90	8.72		
25.20	27.20	No Work	Cum	1	0.00	0.95	0.95	0.95	0.90	0.00		
27.20	42.20		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
42.20	49.70		Cum	1	7.50	0.95	0.95	0.95	0.90	6.41		
		LHS										
		South to North										
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
15.00	17.90		Cum	1	2.90	0.95	0.95	0.95	0.90	2.48		
		Maruthi Layout										
		2nd Cross Road (or)Miracle										
		LHS										
		(From East to West)										
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
15.00	30.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
30.00	34.70		Cum	1	4.70	0.95	0.95	0.95	0.90	4.02		
34.70	43.80		Cum	1	9.10	0.95	0.95	0.95	0.90	7.78		
		RHS										
		(From East to West)										
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
15.00	30.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
30.00	34.70		Cum	1	4.70	0.95	0.95	0.95	0.90	4.02		
34.70	43.80		Cum	1	9.10	0.95	0.95	0.95	0.90	7.78		
		3rd Cross Road										
		(From East to West)										
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
15.00	30.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
30.00	45.00		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83		
45.00	49.90		Cum	1	4.90	0.95	0.95	0.95	0.90	4.19		
49.90	53.80		Cum	1	3.90	0.95	0.95	0.95	0.90	3.33		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		For Culverts										
			Cum	1	7.60	1.40	1.40	1.40	0.85	9.04		
		Total Executed Quantity								290.25		
		Tender Quantity								180.06		
		Quantity upto125%								225.08	195.28	43952.65
		Quantity Above125%								65.18	214.81	14000.96
Item no.02		Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness. well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries. curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-I, P.No-15, I No-2.1.3 of PWD SR 2021-22) issue rate dated 07-07-2022										
		PCC For Drains										
		Karagadamma Temple opp Road										
		West to East										
		LHS										
0.00	13.10		Cum	1	13.10	0.95	0.95	0.95	0.15	1.87		
13.10	29.00	No Work	Cum	1	0.00	0.95	0.95	0.95	0.15	0.00		
29.00	44.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
44.00	51.60		Cum	1	7.60	0.95	0.95	0.95	0.15	1.08		
51.60	66.60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
66.60	81.60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
81.60	96.60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
96.60	111.60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
111.60	126.60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
126.60	137.80		Cum	1	11.20	0.95	0.95	0.95	0.15	1.60		
		Government School Opp Road										
		South to north										
		RHS										
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15.00	25.20		Cum	1	10.20	0.95	0.95	0.95	0.15	1.45		
25.20	27.20	No Work	Cum	1	0.00	0.95	0.95	0.95	0.15	0.00		
27.20	42.20		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
42.20	49.70		Cum	1	7.50	0.95	0.95	0.95	0.15	1.07		
		LHS										
		South to North										
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15.00	17.90		Cum	1	2.90	0.95	0.95	0.95	0.15	0.41		
		Maruthi Layout										
		Villa House Opposite Road										
		LHS										
		(From East to West)										
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15.00	30.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
30.00	34.70		Cum	1	4.70	0.95	0.95	0.95	0.15	0.67		
34.70	43.80		Cum	1	9.10	0.95	0.95	0.95	0.15	1.30		
		RHS										
		(From East to West)										
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15.00	30.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
30.00	34.70		Cum	1	4.70	0.95	0.95	0.95	0.15	0.67		
34.70	43.80		Cum	1	9.10	0.95	0.95	0.95	0.15	1.30		
		3rd Cross Road										
		(From East to West)										
0.00	15.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15.00	30.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
30.00	45.00		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
45.00	49.90		Cum	1	4.90	0.95	0.95	0.95	0.15	0.70		
49.90	53.80		Cum	1	3.90	0.95	0.95	0.95	0.15	0.56		

Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Rate in	Amount in
From	To				(m)	B1	B2	Avg B	(m)		RS.	RS.
		PCC For Culverts										
		Government School Front Side										
			Cum	1	7.60	1.40	1.40	1.40	0.15	1.60		
		For CC Road										
		Government School Front Side										
		South to north										
0.00	15.00		Cum	1	15.00	6.35	6.45	6.40	0.15	14.40		
15.00	17.60		Cum	1	2.60	6.45	6.55	6.50	0.15	2.54		
17.60	23.10		Cum	1	5.50	5.90	5.45	5.68	0.15	4.68		
23.10	30.00		Cum	1	6.90	6.30	6.40	6.35	0.15	6.57		
30.00	35.90		Cum	1	5.90	6.40	6.45	6.43	0.15	5.69		
35.90	43.10	No Work	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00		
43.10	44.00		Cum	1	0.90	5.20	6.40	5.80	0.15	0.78		
44.00	45.00		Cum	1	1.00	6.40	6.15	6.28	0.15	0.94		
45.00	51.70		Cum	1	6.70	6.15	6.80	6.48	0.15	6.51		
51.70	60.00		Cum	1	8.30	6.80	6.95	6.88	0.15	8.56		
60.00	63.70		Cum	1	3.70	6.95	6.05	6.50	0.15	3.61		
		Government School Left Side										
		South to north										
0.00	4.70		Cum	1	4.70	6.90	6.60	6.75	0.15	4.76		
4.70	15.00		Cum	1	10.30	6.60	6.10	6.35	0.15	9.81		
15.00	30.00		Cum	1	15.00	6.10	6.90	6.50	0.15	14.63		
30.00	45.00		Cum	1	15.00	6.90	6.90	6.90	0.15	15.53		
45.00	60.00		Cum	1	15.00	6.90	6.55	6.73	0.15	15.13		
60.00	72.10		Cum	1	12.10	6.55	5.85	6.20	0.15	11.25		
		Maruthi Layout										
		Villa House Opposite Road										
		(From East to West)										
0.00	15.00		Cum	1	15.00	4.35	4.05	4.20	0.15	9.45		
15.00	30.00		Cum	1	15.00	4.05	3.50	3.78	0.15	8.49		
30.00	34.70		Cum	1	4.70	3.50	3.80	3.65	0.15	2.57		
34.70	43.80		Cum	1	9.10	5.30	4.90	5.10	0.15	6.96		
		3rd Cross Road										
		(From East to West)										
0.00	15.00		Cum	1	15.00	3.70	4.40	4.05	0.15	9.11		
15.00	30.00		Cum	1	15.00	4.40	4.60	4.50	0.15	10.13		
30.00	45.00		Cum	1	15.00	4.60	5.10	4.85	0.15	10.91		
45.00	49.90		Cum	1	4.90	5.10	5.20	5.15	0.15	3.79		
49.90	53.80		Cum	1	3.90	3.00	2.50	2.75	0.15	1.61		
		3rd A Cross Road										
		(From West to East)										
0.00	13.10		Cum	1	13.10	4.10	3.60	3.85	0.15	7.57		
13.10	15.00		Cum	1	1.90	4.60	4.40	4.50	0.15	1.28		
15.00	21.60		Cum	1	6.60	4.40	4.20	4.30	0.15	4.26		
21.60	24.30		Cum	1	2.70	3.80	3.85	3.83	0.15	1.55		
		Culvert Ramp										
		Government School Front Side	Cum	1	6.10	1.10	1.00	1.05	0.15	0.96		
			Cum	1	8.20	0.90	0.85	0.88	0.15	1.08		
		DEDUCTION										
		Manhole	Cum	-1	0.44				0.15	-0.07		
						(3.14X0.75X0.75)/4=0.44						
			Cum	-4	0.64				0.15	-0.38		
						(3.14X0.9X0.9)/4=0.64						
		CHAMBER	Cum	-6	0.45	0.45	0.45	0.45	0.15	-0.18		
		Total Executed Quantity								**252.93**	**6414.26**	**1622327.55**
		Tender Quantity								**373.75**		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.03		Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.(V-III, I.No 13.1 Page No 99, PWD SR 2021-22) issue rate dated 09-11-2022										
		For Drain	Cum	From Item No.04						96.20		
			Kg	Steel assumed 50 Kg/Cum of Concrete						4810.16		
			Tonne							4.81		
		For Culvert	Cum	From Item No.04						3.57		
			Kg	Steel assumed 87 Kg/Cum of Concrete						313.50		
			Tonne							0.31		
		Total Executed Quantity								5.12		
		Tender Quantity								3.23		
		Quantity upto125%								4.04	90845.96	366790.56
		Quantity Above125%								1.09	101698.46	110460.61
Item no.04		Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-1,P.No.17, I.No.2.4.2 of PWD SR 2021-22) issue rate dated 07-07-2022										
		Bottom Raft										
		Karagadamma Temple opp Road										
		West to East										
		LHS										
0.00	13.10		Cum	1	13.10	0.75	0.75	0.75	0.15	1.47		
13.10	29.00	No Work	Cum	1	0.00	0.75	0.75	0.75	0.15	0.00		
29.00	44.00		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
44.00	51.60		Cum	1	7.60	0.75	0.75	0.75	0.15	0.86		
51.60	66.60		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
66.60	81.60		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
81.60	96.60		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
96.60	111.60		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
111.60	126.60		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
126.60	137.80		Cum	1	11.20	0.75	0.75	0.75	0.15	1.26		
		Government School Opp Road										
		South to north										
		RHS										
0.00	15.00		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
15.00	25.20		Cum	1	10.20	0.75	0.75	0.75	0.15	1.15		
25.20	27.20	No Work	Cum	1	0.00	0.75	0.75	0.75	0.15	0.00		
27.20	42.20		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
42.20	49.70		Cum	1	7.50	0.75	0.75	0.75	0.15	0.84		
		LHS										
		South to North										
0.00	15.00		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
15.00	17.90		Cum	1	2.90	0.75	0.75	0.75	0.15	0.33		
		Maruthi Layout										
		2nd Cross Road (or)Miracle Villa House Opposite Road										
		LHS										
		(From East to West)										
0.00	15.00		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
15.00	30.00		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
30.00	34.70		Cum	1	4.70	0.75	0.75	0.75	0.15	0.53		
34.70	43.80		Cum	1	9.10	0.75	0.75	0.75	0.15	1.02		
		RHS										
		(From East to West)										
0.00	15.00		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
15.00	30.00		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
30.00	34.70		Cum	1	4.70	0.75	0.75	0.75	0.15	0.53		
34.70	43.80		Cum	1	9.10	0.75	0.75	0.75	0.15	1.02		
		3rd Cross Road										
		(From East to West)										
0.00	15.00		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
15.00	30.00		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
30.00	45.00		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69		
45.00	49.90		Cum	1	4.90	0.75	0.75	0.75	0.15	0.55		
49.90	53.80		Cum	1	3.90	0.75	0.75	0.75	0.15	0.44		
		Side Wall										
		Karagadamma Temple opp Road										
		West to East										
		LHS										
0.00	13.10		Cum	2	13.10	0.15	0.15	0.15	0.60	2.36		
13.10	29.00	No Work	Cum	2	0.00	0.15	0.15	0.15	0.60	0.00		
29.00	44.00		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
44.00	51.60		Cum	2	7.60	0.15	0.15	0.15	0.60	1.37		
51.60	66.60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
66.60	81.60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
81.60	96.60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
96.60	111.60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
111.60	126.60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
126.60	137.80		Cum	2	11.20	0.15	0.15	0.15	0.60	2.02		
		Government School Opp Road										
		South to north										
		RHS										
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15.00	25.20		Cum	2	10.20	0.15	0.15	0.15	0.60	1.84		
25.20	27.20	No Work	Cum	2	0.00	0.15	0.15	0.15	0.60	0.00		
27.20	42.20		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
42.20	49.70		Cum	2	7.50	0.15	0.15	0.15	0.60	1.35		
		LHS										
		South to North										
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15.00	17.90		Cum	2	2.90	0.15	0.15	0.15	0.60	0.52		
		Maruthi Layout										
		2nd Cross Road (or)Miracle Villa House Opposite Road										
		LHS										
		(From East to West)										
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30.00	34.70		Cum	2	4.70	0.15	0.15	0.15	0.60	0.85		
34.70	43.80		Cum	2	9.10	0.15	0.15	0.15	0.60	1.64		
		RHS										
		(From East to West)										
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30.00	34.70		Cum	2	4.70	0.15	0.15	0.15	0.60	0.85		
34.70	43.80		Cum	2	9.10	0.15	0.15	0.15	0.60	1.64		
		3rd Cross Road										
		(From East to West)										
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
30.00	45.00		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
45.00	49.90		Cum	2	4.90	0.15	0.15	0.15	0.60	0.88		
49.90	53.80		Cum	2	3.90	0.15	0.15	0.15	0.60	0.70		
									Sub Total	**96.20**		
		Culvet Bottom Raft										
		Government School Front Side										
			Cum	1	7.60	1.20	1.20	1.20	0.20	1.82		

Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Rate in	Amount in
From	To				(m)	B1	B2	Avg B	(m)		RS.	RS.
		Side Wall										
		Government School Front Side										
			Cum	2	7.60	0.23	0.23	0.23	0.50	1.75		
									Sub Total	3.57		
		Total Executed Quantity								99.78		
		Tender Quantity								51.91		
		Quantity upto125%								64.89	7253.63	470669.92
		Quantity Above125%								34.89	6892.38	240459.75
Item no.05		Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work										
		Karagadamma Temple opp Road										
		West to East										
		LHS										
0.00	13.10		Sqm	1	13.10	0.75	0.75	0.75		9.83		
13.10	29.00	Bs Slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
29.00	44.00		Sqm	1	15.00	0.75	0.75	0.75		11.25		
44.00	51.60		Sqm	1	7.60	0.75	0.75	0.75		5.70		
51.60	56.50		Sqm	1	4.90	0.90	0.90	0.90		4.41		
56.50	58.90		Sqm	1	2.40	0.75	0.75	0.75		1.80		
58.90	63.70		Sqm	1	4.80	0.90	0.90	0.90		4.32		
63.70	78.70		Sqm	1	15.00	0.75	0.75	0.75		11.25		
78.70	93.70		Sqm	1	15.00	0.75	0.75	0.75		11.25		
93.70	137.80		Sqm	1	44.10	0.75	0.75	0.75		33.08		
		Government School Opp Road										
		South to north										
		RHS										
0.00	15.00		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15.00	25.20		Sqm	1	10.20	0.75	0.75	0.75		7.65		
25.20	27.20	No Work	Sqm	1	0.00	0.75	0.75	0.75		0.00		
27.20	42.20		Sqm	1	15.00	0.75	0.75	0.75		11.25		
42.20	49.70		Sqm	1	7.50	0.75	0.75	0.75		5.63		
		LHS										
		South to North										
0.00	15.00		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15.00	17.90		Sqm	1	2.90	0.75	0.75	0.75		2.18		
		Maruthi Layout										
		2nd Cross Road (or)Miracle Villa House Opposite Road										
		LHS										
		(From East to West)										
0.00	15.00		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15.00	30.00		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30.00	34.70		Sqm	1	4.70	0.75	0.75	0.75		3.53		
34.70	43.80		Sqm	1	9.10	0.75	0.75	0.75		6.83		
		RHS										
		(From East to West)										
0.00	15.00		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15.00	30.00		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30.00	34.70		Sqm	1	4.70	0.75	0.75	0.75		3.53		
34.70	43.80		Sqm	1	9.10	0.75	0.75	0.75		6.83		
		3rd Cross Road										
		(From East to West)										
0.00	15.00		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15.00	30.00		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30.00	45.00		Sqm	1	15.00	0.75	0.75	0.75		11.25		
45.00	49.90		Sqm	1	4.90	0.75	0.75	0.75		3.68		
49.90	53.80		Sqm	1	3.90	0.75	0.75	0.75		2.93		
		Total Executed Quantity								248.13		
		Tender Quantity								136.89		
		Quantity upto125%								171.11	2175.39	372236.42
		Quantity Above125%								77.02	2175.39	167543.31

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.06		Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc. complete and as per drawing and the directions of Engineer in-charge. (Data Rate)										
		Government School Front Side										
			Sqm	1	7.60	1.20	1.20	1.20		9.12		
		Total Executed Quantity								**9.12**	**5288.35**	**48229.78**
		Tender Quantity								**10.20**		
Item no.07		Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-1.12 of PWD SR 2021-22)										
		Government School Front Side										
		South to north										
0.00	15.00		Cum	1	15.00	6.35	6.45	6.40	0.40	38.40		
15.00	17.60		Cum	1	2.60	6.45	6.55	6.50	0.40	6.76		
17.60	23.10		Cum	1	5.50	5.90	5.45	5.68	0.40	12.49		
23.10	30.00		Cum	1	6.90	6.30	6.40	6.35	0.40	17.53		
30.00	35.90		Cum	1	5.90	6.40	6.45	6.43	0.40	15.16		
35.90	43.10	No Work	Cum	1	0.00	0.00	0.00	0.00	0.40	0.00		
43.10	44.00		Cum	1	0.90	5.20	6.40	5.80	0.40	2.09		
44.00	45.00		Cum	1	1.00	6.40	6.15	6.28	0.40	2.51		
45.00	51.70		Cum	1	6.70	6.15	6.80	6.48	0.40	17.35		
51.70	60.00		Cum	1	8.30	6.80	6.95	6.88	0.40	22.83		
60.00	63.70		Cum	1	3.70	6.95	6.05	6.50	0.40	9.62		
		Government School Left Side										
		South to north										
0.00	4.70		Cum	1	4.70	6.90	6.60	6.75	0.40	12.69		
4.70	15.00		Cum	1	10.30	6.60	6.10	6.35	0.40	26.16		
15.00	30.00		Cum	1	15.00	6.10	6.90	6.50	0.40	39.00		
30.00	45.00		Cum	1	15.00	6.90	6.90	6.90	0.40	41.40		
45.00	60.00		Cum	1	15.00	6.90	6.55	6.73	0.40	40.35		
60.00	72.10		Cum	1	12.10	6.55	5.85	6.20	0.40	30.01		
		Maruthi Layout										
		2nd Cross Road (or)Miracle										
		(From East to West)										
0.00	15.00		Cum	1	15.00	4.35	4.05	4.20	0.40	25.20		
15.00	30.00		Cum	1	15.00	4.05	3.50	3.78	0.40	22.65		
30.00	34.70		Cum	1	4.70	3.50	3.80	3.65	0.40	6.86		
34.70	43.80		Cum	1	9.10	5.30	4.90	5.10	0.40	18.56		
		3rd Cross Road										
		(From East to West)										
0.00	15.00		Cum	1	15.00	3.70	4.40	4.05	0.40	24.30		
15.00	30.00		Cum	1	15.00	4.40	4.60	4.50	0.40	27.00		
30.00	45.00		Cum	1	15.00	4.60	5.10	4.85	0.40	29.10		
45.00	49.90		Cum	1	4.90	5.10	5.20	5.15	0.40	10.09		
49.90	53.80		Cum	1	3.90	3.00	2.50	2.75	0.40	4.29		
		3rd A Cross Road										
		(From West to East)										
0.00	13.10		Cum	1	13.10	4.10	3.60	3.85	0.40	20.17		
13.10	15.00		Cum	1	1.90	4.60	4.40	4.50	0.40	3.42		
15.00	21.60		Cum	1	6.60	4.40	4.20	4.30	0.40	11.35		
21.60	24.30		Cum	1	2.70	3.80	3.85	3.83	0.40	4.13		
		DEDUCTION										
		Manhole	Cum	-1	0.44				0.40	-0.18		
					(3.14X0.75X0.75)/4=0.44							
			Cum	-4	0.64				0.40	-1.02		
					(3.14X0.9X0.9)/4=0.64							
		CHAMBER	Cum	-6	0.45	0.45	0.45	0.45	0.40	-0.49		
		Total Executed Quantity								**539.80**	**75.07**	**40522.56**
		Tender Quantity								**545.40**		

Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Rate in	Amount in
From	To				(m)	B1	B2	Avg B	(m)		RS.	RS.
Item no.08		Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 .(V-III, I No-4.1V,P No-19,KPWD SR 2021-22)										
		Government School Front Side										
		South to north										
0.00	15.00		Cum	1	15.00	6.35	6.45	6.40	0.15	14.40		
15.00	17.60		Cum	1	2.60	6.45	6.55	6.50	0.15	2.54		
17.60	23.10		Cum	1	5.50	5.90	5.45	5.68	0.15	4.68		
23.10	30.00		Cum	1	6.90	6.30	6.40	6.35	0.15	6.57		
30.00	35.90		Cum	1	5.90	6.40	6.45	6.43	0.15	5.69		
35.90	43.10	No Work	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00		
43.10	44.00		Cum	1	0.90	5.20	6.40	5.80	0.15	0.78		
44.00	45.00		Cum	1	1.00	6.40	6.15	6.28	0.15	0.94		
45.00	51.70		Cum	1	6.70	6.15	6.80	6.48	0.15	6.51		
51.70	60.00		Cum	1	8.30	6.80	6.95	6.88	0.15	8.56		
60.00	63.70		Cum	1	3.70	6.95	6.05	6.50	0.15	3.61		
		Government School Left Side										
		South to north										
0.00	4.70		Cum	1	4.70	6.90	6.60	6.75	0.15	4.76		
4.70	15.00		Cum	1	10.30	6.60	6.10	6.35	0.15	9.81		
15.00	30.00		Cum	1	15.00	6.10	6.90	6.50	0.15	14.63		
30.00	45.00		Cum	1	15.00	6.90	6.90	6.90	0.15	15.53		
45.00	60.00		Cum	1	15.00	6.90	6.55	6.73	0.15	15.13		
60.00	72.10		Cum	1	12.10	6.55	5.85	6.20	0.15	11.25		
		Maruthi Layout										
		2nd Cross Road (or)Miracle										
		(From East to West)										
0.00	15.00		Cum	1	15.00	4.35	4.05	4.20	0.15	9.45		
15.00	30.00		Cum	1	15.00	4.05	3.50	3.78	0.15	8.49		
30.00	34.70		Cum	1	4.70	3.50	3.80	3.65	0.15	2.57		
34.70	43.80		Cum	1	9.10	5.30	4.90	5.10	0.15	6.96		
		3rd Cross Road										
		(From East to West)										
0.00	15.00		Cum	1	15.00	3.70	4.40	4.05	0.15	9.11		
15.00	30.00		Cum	1	15.00	4.40	4.60	4.50	0.15	10.13		
30.00	45.00		Cum	1	15.00	4.60	5.10	4.85	0.15	10.91		
45.00	49.90		Cum	1	4.90	5.10	5.20	5.15	0.15	3.79		
49.90	53.80		Cum	1	3.90	3.00	2.50	2.75	0.15	1.61		
		3rd A Cross Road										
		(From West to East)										
0.00	13.10		Cum	1	13.10	4.10	3.60	3.85	0.15	7.57		
13.10	15.00		Cum	1	1.90	4.60	4.40	4.50	0.15	1.28		
15.00	21.60		Cum	1	6.60	4.40	4.20	4.30	0.15	4.26		
21.60	24.30		Cum	1	2.70	3.80	3.85	3.83	0.15	1.55		
		DEDUCTION										
		Manhole	Cum	-1	0.44				0.15	-0.07		
					(3.14X0.75X0.75)/4=0.44							
			Cum	-4	0.64				0.15	-0.38		
					(3.14X0.9X0.9)/4=0.64							
		CHAMBER	Cum	-6	0.45	0.45	0.45	0.45	0.15	-0.18		
		Total Executed Quantity								**202.42**	**2710.53**	**548665.48**
		Tender Quantity								**204.52**		

M.

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item No.09		Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete, as per the directions of the Engineer-in-charge of the work.(V-III, P.No-138,I No-20.29, KPWD SR 2021-22) Issue rate dated 07-07-2022											
		Government School Front Side										
		South to north										
0.00	15.00		Cum	1	15.00	6.35	6.45	6.40	0.15	14.40		
15.00	17.60		Cum	1	2.60	6.45	6.55	6.50	0.15	2.54		
17.60	23.10		Cum	1	5.50	5.90	5.45	5.68	0.15	4.68		
23.10	30.00		Cum	1	6.90	6.30	6.40	6.35	0.15	6.57		
30.00	35.90		Cum	1	5.90	6.40	6.45	6.43	0.15	5.69		
35.90	43.10	No Work	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00		
43.10	44.00		Cum	1	0.90	5.20	6.40	5.80	0.15	0.78		
44.00	45.00		Cum	1	1.00	6.40	6.15	6.28	0.15	0.94		
45.00	51.70		Cum	1	6.70	6.15	6.80	6.48	0.15	6.51		
51.70	60.00		Cum	1	8.30	6.80	6.95	6.88	0.15	8.56		
60.00	63.70		Cum	1	3.70	6.95	6.05	6.50	0.15	3.61		
		Government School Left Side										
		South to north										
0.00	4.70		Cum	1	4.70	6.90	6.60	6.75	0.15	4.76		
4.70	15.00		Cum	1	10.30	6.60	6.10	6.35	0.15	9.81		
15.00	30.00		Cum	1	15.00	6.10	6.90	6.50	0.15	14.63		
30.00	45.00		Cum	1	15.00	6.90	6.90	6.90	0.15	15.53		
45.00	60.00		Cum	1	15.00	6.90	6.55	6.73	0.15	15.13		
60.00	72.10		Cum	1	12.10	6.55	5.85	6.20	0.15	11.25		
		Maruthi Layout										
		2nd Cross Road (or)Miracle Villa House Opposite Road										
		(From East to West)										
0.00	15.00		Cum	1	15.00	4.35	4.05	4.20	0.15	9.45		
15.00	30.00		Cum	1	15.00	4.05	3.50	3.78	0.15	8.49		
30.00	34.70		Cum	1	4.70	3.50	3.80	3.65	0.15	2.57		
34.70	43.80		Cum	1	9.10	5.30	4.90	5.10	0.15	6.96		
		3rd Cross Road										
		(From East to West)										
0.00	15.00		Cum	1	15.00	3.70	4.40	4.05	0.15	9.11		
15.00	30.00		Cum	1	15.00	4.40	4.60	4.50	0.15	10.13		
30.00	45.00		Cum	1	15.00	4.60	5.10	4.85	0.15	10.91		
45.00	49.90		Cum	1	4.90	5.10	5.20	5.15	0.15	3.79		
49.90	53.80		Cum	1	3.90	3.00	2.50	2.75	0.15	1.61		
		3rd A Cross Road										
		(From West to East)										
0.00	13.10		Cum	1	13.10	4.10	3.60	3.85	0.15	7.57		
13.10	15.00		Cum	1	1.90	4.60	4.40	4.50	0.15	1.28		
15.00	21.60		Cum	1	6.60	4.40	4.20	4.30	0.15	4.26		
21.60	24.30		Cum	1	2.70	3.80	3.85	3.83	0.15	1.55		
		Culvert Ramp										
		Government School Front Side	Cum	1	6.10	1.10	1.00	1.05	0.15	0.96		
			Cum	1	8.20	0.90	0.85	0.88	0.15	1.08		
		DEDUCTION										
		Manhole	Cum	-1	0.44				0.15	-0.07		
					(3.14X0.75X0.75)/4=0.44							
			Cum	-4	0.64				0.15	-0.38		
					(3.14X0.9X0.9)/4=0.64							
		CHAMBER	Cum	-6	0.45	0.45	0.45	0.45	0.15	-0.18		
		Total Executed Quantity								**204.46**	**7520.64**	**1537676.68**
		Tender Quantity								**204.52**		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no 10		Cutting transverse contraction joints 3 to 4 mm wide and depth 60mm in concrete slab using concrete cutting machine with diamond studded saw within 48 hours of casting of bay / slab etc. complete including subsequent widening of the groove 8 to 10 mm wide at top having depth of 15 mm as directed by Engineer incharge as per MoRTH 602.6.3 (V-III, P.No-146,I No-4, KPWD SR 2021-22)										
		Transverse Cutting										
		Government School Front Side										
		South to north										
			m	15	5.20					78.00		
		Government School Left Side										
		South to north										
		0.00	m	19	5.85					111.15		
		Maruthi Layout										
		2nd Cross Road (or)Miracle Villa House Opposite Road										
		(From East to West)										
			m	11	3.50					38.50		
		3rd Cross Road										
		(From East to West)										
			m	14	3.00					42.00		
		3rd A Cross Road										
		(From West to East)										
			m	7	3.85					26.95		
		Total Executed Quantity								296.60	80.84	23977.14
		Tender Quantity								337.00		
Item no 11		Providing to contraction joints polysuphide sealent (Pouring grade) confirming to BS : 5212 - 1989 into sawed groove widened at top for sealent reservoir of specified size and shape as per detailed drawing including fixing Polyethylene foam backer rod of required diameter (appraox. 25% larger than the initial 3 mm.to 4 mm. joint) overlaid with bond breaking tape as per detailed drawing. Item includes cleaning the joints with water jet / air compressor and allowing joint to become thoroughly dry before sealent is applied and applying primer. (A) Contraction and longitudinal joints (15 mm. deep x 8 mm.wide) as per MoRTH 602.6.3.(V-III, P.No-147,I No-5, KPWD SR 2021-22)										
		Qty Vide from item no 10	m							296.60		
		Total Executed Quantity								296.60	190.56	56520.10
		Tender Quantity								337.00		
Item no 12		Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (V-III Page No.3, Item No 1.4 A of PWD SR 2021-22)										
			t.km									
		Vide total Quantity from item 01 &07			830.05				1.28	1062.46		
		Total Executed Quantity								1062.46		
		Tender Quantity								928.59		
		Quantity upto125%								1062.46	110.87	117795.46
											Sub Total	5781828.93
											GST @18%	1040729.21
											TOTAL AMOUNT	6822558.14

Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
BBMP
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Executive Engineer
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು,
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು.

Technical Sanction
Accorded For ₹ 6,82,25,558.14
Head of A/C ...
CER NO : 79 Dt: 24/5/25